



SHARDLOW
Rural District Council

ANNUAL
REPORT

FOR THE YEAR, 1954

CYRIL G. WOOLGROVE, M.B., Ch.B., D.P.H.
MEDICAL OFFICER OF HEALTH.

SHARDLOW RURAL DISTRICT COUNCIL.
ANNUAL REPORT FOR THE YEAR 1954.

Chairman of the Council—COUNCILLOR R. COOK.

Vice-Chairman of the Council—COUNCILLOR A. BARKER.
(to May, 1954).

COUNCILLOR W. E. HART
(from May, 1954).

PUBLIC WORKS COMMITTEE

Chairman—COUNCILLOR R. C. TREADGOLD, M.B.E.

Vice-Chairman—COUNCILLOR N. J. W. BRITTAIN.

Councillor C. H. Ayre
(from May, 1954)

Councillor A. Barker
Councillor W. Beswick
(from May, 1954)

Councillor W. Blair
(to May, 1954).

Councillor B. G. Butler
(from May, 1954)

Councillor G. R. Cope
Councillor W. C. Coy
Councillor Mrs. S. Dally.
Councillor J. W. Denton.
Councillor S. E. H. Dowding
(to May, 1954).

Councillor P. W. G. Eyre.
Councillor F. R. Fletcher
(to May, 1954).

Councillor T. Frost.
Councillor F. M. Gibson.

Councillor O. J. Hatton
(to May, 1954).

Councillor Mrs. M. Hemstead
Councillor F. R. Hubbard.
Councillor Sir L. W. H. Kerr
(from May, 1954)

Councillor H. Key.
Councillor F. G. Knowles
(from May, 1954)

Councillor R. W. Loake
(to May, 1954).

Councillor A. A. Matthews
Councillor C. J. Merrey.
Councillor G. H. Oakes.
Councillor W. Ray.
Councillor H. A. Shaw.
Councillor G. H. R. Singleton.
Councillor L. Walker.
Councillor W. E. Waller.
Councillor S. Wootton.

PUBLIC HEALTH OFFICERS OF THE AUTHORITY.

S. HUNT, M.R.C.S. (Eng.), L.R.C.P. (Lond.), Medical Officer of Health.
(to September, 1954).

C. G. WOOLGROVE, M.B., CH.B., D.P.H., Medical Officer of Health
(from September, 1954).

G. L. ROE, M.S.I.A., Senior Sanitary Inspector.

W. T. POWELL, M.S.I.A., Deputy Senior Sanitary Inspector.

G. ELLIS, M.S.I.A., Additional Sanitary Inspector.

G. G. POPPLEWELL, M.S.I.A., Additional Sanitary Inspector
(to January, 1954).

B. T. JONES, M.S.I.A., Additional Sanitary Inspector
(from March, 1954.)

A. P. ALLEN, M.S.I.A., Additional Sanitary Inspector
(from June, 1954).

Shardlow Rural District Council

ANNUAL REPORT

FOR THE YEAR, 1954.

To the Chairman and Councillors of the Rural District of Shardlow.

DEAR SIR, LADIES AND GENTLEMEN,

I have the honour to submit the Annual Report on the state of the public health in the District for the year 1954.

During the first nine months of the year Dr. Sydney Hunt held office as Medical Officer of Health, thus completing his 40th year of service with the Council. It was my privilege to succeed him for the remainder of the year. I should like to pay tribute to his helpfulness and assistance to me at all times and hope to have the opportunity of meeting him on many more occasions. The best wishes of the staff of this Department go with him on his retirement.

During the current year, the surprising fact emerges that the health of the District has never been better, as evidenced by the low incidence of infectious diseases, etc., which are recorded elsewhere in the Report. This was in spite of experiencing the most phenomenal weather and deplorable summer for many years. No case of diphtheria was notified for the 4th year in succession, and no death has occurred from this disease for 8 years.

The year 1954 has seen important new legislation. I mean, of course, the Housing Repairs and Rents Act, which is an Act for dealing with slums and the rehabilitation and repair of useful units of accommodation. Also the Slaughterhouses Act, which places responsibility for licensing of Slaughterhouses on the Local Authority, together with the duty of meat inspection. The Derbyshire County Council Act will also have its part to play with the Public Health Law of the District.

Details relating to the health, vital statistics, water, housing and sanitation of the District are set out in the body of the Report.

I should like to take this opportunity of expressing my appreciation to Dr. Morgan, County Medical Officer of Health, and his staff for their assistance throughout the year.

To Mr. Roe, my Senior Sanitary Inspector, and all members of the Health Dept. for their loyal and efficient co-operation at all times which has added so much to the pleasure of the work.

I wish to thank you, Sir, and your fellow members of the Council for the support and encouragement which has been accorded to me since my appointment.

I am, Sir, Ladies and Gentlemen,
Yours obediently,
CYRIL G. WOOLGROVE,
Medical Officer of Health.

STATISTICS OF THE AREA.

Area (in acres)—44,204.

Registrar General's estimate of resident population, 1954—78,680.

Number of inhabited houses according to the Rate Books (31/3/55)—
24,975.

Rateable Value (31/3/55)—£471,105.

Net sum represented by a Penny Rate (31/3/55)—£1,845.

VITAL STATISTICS.

Live Births.

	Total.	M.	F.
Legitimate	1123	577	546
Illegitimate	42	33	9
	<hr/> 1165	<hr/> 610	<hr/> 555

Birth Rate per 1,000 of the estimated population : 14.8.

Birth Rate per 1,000 of the estimated population for
comparative purposes : —14.36.

Still Births.

Total.	M.	F.	
26	12	14	Legitimate.
—	—	—	Illegitimate.
<hr/> 26	<hr/> 12	<hr/> 14	

Rate per 1,000 (live and still births) 21.82.

Rate for England and Wales 24.0.

Deaths.

Total.	M.	F.
<hr/> 730	<hr/> 393	<hr/> 337

Crude Death Rate per 1,000 of the estimated resident
population : —9.27.

Death Rate per 1,000 for comparative purposes : 10.57.

Deaths from various causes (Headings as Registrar General's list).

No. 30. Pregnancy, Childbirth, Abortion :—

Deaths—0.

Rate per 1,000 total (live & still) births—0.

Deaths of infants under one year of age :—

			Total	M.	F.
Legitimate	...	...	27	13	14
Illegitimate	...	...	1	—	1
			—	—	—
			28	13	15
			—	—	—

Including deaths of infants under 4 weeks of age :—

Legitimate	...	...	15	7	8
Illegitimate			—	—	—
			—	—	—
			15	7	8
			—	—	—

Death Rate of infants under one year of age :—

All infants per 1,000 live births	...	...	...	24.0
Legitimate infants per 1,000 legitimate live births	...			24.0
Illegitimate infants per 1,000 illegitimate live births				23.8

Nos. 10-14 Deaths from Cancer (all ages)	...	...	86
No. 5 Whooping Cough (all ages)	...	...	—
No. 8 Measles (all ages)	...	...	—
No. 27 Gastritis, Enteritis and Diarrhoea (all ages)	...	...	4

Comparative rates for certain diseases for England & Wales are shewn in the table on page 31.

DERBYSHIRE COUNTY COUNCIL.

CLINICS WHICH SERVE THE AREA OF SHARDLOW R.D.

Ante-Natal Clinics—

Derby, New County Offices Yard, St. Mary's Gate—Tuesday a.m.
Long Eaton, 4, Nottingham Road—Wednesday a.m. and p.m.

Infant Welfare Centres—

Alvaston, Nunsfield House—Thursday a.m. and p.m.
Borrowash, Women's Institute—1st and 3rd Monday p.m.
Chellaston, Methodist Church Schoolroom, High Street—2nd & 4th Tuesday p.m.
Chaddesden, Church of Christ, Reginald Road—Wednesday a.m. and p.m.
Draycott, Church Hall, Derby Road—2nd & 4th Wednesday p.m.
Long Eaton, 4, Nottingham Road—Monday a.m. and p.m.
Little Eaton, Co-operative Society, Hut—2nd & 4th Monday p.m.
Littleover, Baptist Chapel, Thornhill Road—Thursday p.m.
Melbourne, The Bungalow, Penn Lane—Wednesday p.m.
Sandiacre, Memorial Institute—Monday p.m.
Sinfen, St. Stephen's Church Hall, Sinfen Lane—2nd & 4th Monday p.m.
Spondon, New Methodist Church—Friday a.m. and p.m.
West Hallam, Memorial Hall Social Club—1st & 3rd Thursday p.m.

Dental Clinics—

Derby, Walker Lane
Long Eaton, 4, Nottingham Road
Ilkeston, Albert Street

} By appointment.

Eye Clinics—

Derby, Walker Lane
Long Eaton, The Grange C. School, Station Road
Ilkeston, Albert Street

} By appointment.

Minor Ailment Clinics—

Derby, New County Offices Yard, St. Mary's Gate—2nd and 4th Sat. a.m.
Long Eaton, 4, Nottingham Road—2nd & 4th Saturday a.m.
Melbourne, The Bungalow, Penn Lane—Wednesday a.m. (Nurse only).

Orthopaedic Clinics—

Derby, New County Offices Yard, St. Mary's Gate—Thursday a.m. & p.m.
Long Eaton, 4, Nottingham Road—Friday a.m.
Ilkeston, Albert Street—Wednesday a.m. and p.m.

Speech Therapy Clinics.

Derby, Walker Lane, New County Offices Yard
Long Eaton, 4, Nottingham Road
Ilkeston, Albert Street

} By appointment.

Chest Clinics—

Derby, Chest Centre, 93, Green Lane—
Wednesday—9 to 12 ; 6 to 8 (Primarily for Workers).
Friday—9 to 12 ; 2 to 4.
Saturday—10 to 12 (Contact Clinic).
Ilkeston, Albert Street—Wednesday, 9.30 to 12.30 ; and 2 to 4.
Long Eaton, The Hall Grounds—Tuesday—9.30 to 12.30 ; and 2 to 4.

TABLE SHOWING CAUSES OF DEATH.

CAUSE OF DEATH.	Male	Female	Total	Rate per 1,000 Population.
1—Tuberculosis, respiratory ...	5	—	6	0.08
2—Tuberculosis, other ...	1	—	1	0.01
3—Syphilitic disease ...	1	—	1	0.01
4—Diphtheria ...	—	—	—	—
5—Whooping cough ...	—	—	—	—
6—Meningococcal infections ...	—	—	—	—
7—Acute poliomyelitis ...	—	—	—	—
8—Measles ...	—	—	—	—
9—Other infective & parasitic diseases ...	2	2	4	0.05
10—Malignant neoplasm, stomach ...	5	8	13	0.17
11—Malignant neoplasm, lung, bronchus ...	11	2	13	0.17
12—Malignant neoplasm, breast ...	—	15	15	0.19
13—Malignant neoplasm, uterus ...	—	4	4	0.05
14—Other malignant & lymphatic neoplasms ...	24	41	65	0.83
15—Leukaemia, aleukaemia ...	2	—	2	0.03
16—Diabetes ...	1	3	4	0.05
17—Vascular lesions of Nervous system ...	47	59	106	1.36
18—Coronary disease, angina ...	68	30	98	1.25
19—Hypertension with heart disease	12	4	16	0.21
20—Other heart disease ...	69	47	116	1.47
21—Other circulatory disease ...	15	19	34	0.43
22—Influenza ...	4	—	4	0.05
23—Pneumonia ...	12	14	26	0.34
24—Bronchitis ...	28	4	32	0.38
25—Other diseases of respiratory system ...	4	1	5	0.06
26—Ulcer of stomach & duodenum	8	3	11	0.14
27—Gastritis, enteritis & diarrhoea ...	—	4	4	0.05
28—Nephritis and nephrosis ...	4	1	5	0.06
29—Hyperplasia of prostate ...	11	—	11	0.14
30—Pregnancy, childbirth, abortion...	—	—	—	—
31—Congenital malformations ...	4	5	9	0.12
32—Other defined & ill-defined diseases ...	36	62	98	1.25
33—Motor vehicle accidents ...	6	2	8	0.10
34—All other accidents ...	4	5	9	0.12
35—Suicide ...	7	2	9	0.12
36—Homicide & operations of War	1	—	1	0.01
All causes ...	393	337	730	9.27

PREVALENCE OF, AND CONTROL OVER, INFECTIOUS DISEASES.

The incidence of notifiable diseases during 1954, was :—

	<i>Cases Notified.</i>	<i>Removed to Hospital.</i>	<i>Deaths.</i>
Tuberculosis—Pulmonary	52	29	6
Tuberculosis—Other forms	10	6	1
Smallpox 	—	—	—
Scarlet Fever 	171	50	—
Diphtheria 	—	—	—
Typhoid and Paratyphoid Fever	—	—	—
Puerperal Pyrexia 	—	—	—
Erysipelas 	13	—	—
Ophthalmia Neonatorum	—	—	—
Pneumonia 	45	4	26
Measles 	115	4	—
Whooping Cough 	291	7	—
Cerebro Spinal Fever 	3	3	—
Acute Polio-myelitis 	3	3	—
Acute Encephalitis 	1	1	—
Food Poisoning 	2	—	—
Dysentery 	5	2	—

These figures represent the notifications as received. The corrected figures will be found in the table on page 8.

Food Poisoning.

There was no outbreak but 2 cases occurred, the agent in one of these cases being identified as *Salmonella Typhimurium*.

Dysentery.

5 single cases were reported, each occurring in a different family—4 were males, aged respectively 2, 3, 10 and 11 years, and there was one female aged 33 years.

National Assistance Act, 1948.

SEC. 47. (Removal to Hospital etc.)

No cases were dealt with during the year, although one Old Aged Pensioner was encouraged to enter a Hostel for Old People voluntarily.

SEC. 50.

One case was dealt with at Spondon, and concerned the burial of the body of a woman aged 89 years.

CASES OF NOTIFIABLE DISEASES AT VARYING AGES DURING 1954. Under one AFTER CORRECTION.

DISEASE.	Under one													Total originally notified.
	Unknown year	1—	2—	3—	4—	5—	10—	15—	20—	35—	45—	60—	Total.	
Smallpox	—	—	—	—	—	—	—	—	—	Nil	Nil
Scarlet Fever—	—	1	6	11	15	114	21	3	—	171	171
Diphtheria	—	—	—	—	—	—	—	—	—	Nil	Nil
Enteric Fever—Typhoid			—	—	—	—	—	—	—	—	—	—	Nil	Nil
Para-Typhoid	—	—	—	—	—	—	—	—	—	Nil	Nil
Puerperal Pyrexia	—	—	—	—	—	—	—	—	—	Nil	Nil
Pneumonia 1	2	1	—	—	5	6	1	2	2	45	45
<i>Other diseases generally notifiable:—</i>														
Measles	3	7	14	17	14	57	1	—	2	115	115
Whooping Cough	21	32	42	41	40	109	2	1	3	291	291
Dysentery	—	—	1	1	—	—	2	—	1	5	5
Erysipelas	—	—	—	—	—	—	—	—	2	13	13
Acute Polio-Myelitis	—	—	—	—	—	—	1	1	1	3	3
Acute Encephalitis	—	1	—	—	—	—	—	—	—	1	1
Meningococcal Infection	—	1	—	—	1	—	—	1	—	3	3
Food Poisoning	—	—	—	—	—	—	—	1	1	2	2

Tuberculosis.

Table showing age periods of deaths and new cases.

Age Periods.	New Cases.				Deaths.			
	Respiratory M.	Respiratory F.	Non-Respiratory M.	Non-Respiratory F.	Respiratory M.	Respiratory F.	Non-Respiratory M.	Non-Respiratory F.
0	—	—	—	—	—	—	—	—
1	—	—	2	2	—	—	—	—
5	2	2	—	3	—	—	—	—
10	5	—	—	—	—	—	—	—
15	3	2	1	—	—	—	—	—
20	5	3	—	—	1	—	—	—
25	4	6	1	—	1	—	—	—
35	2	8	—	—	—	—	—	—
45	4	2	—	—	2	—	—	—
55	1	—	—	—	—	—	—	—
65 and Upwards.	3	—	—	1	2	1	—	—
	—	—	—	—	—	—	—	—
	29	23	4	6	6	1	—	—
	—	—	—	—	—	—	—	—

Diphtheria Immunisation.

Immunisation is undertaken by the General Practitioners and also by the Assistant Medical Officers of the County Council at the various Clinics in the district.

The County Medical Officer of Health has informed me that during the period January 1st, 1954—March 31st, 1955, he has received Record Cards in respect of 991 children immunised during the year 1954 (Primary immunisations only). Details are as follows:—

Age Group.

Under 1 year.	43
1	542
2	176
3	45
4	28
5—9 (inc.)	148
10—14 (inc.)	9
	—
	991
	—

It has proved possible to further the Diphtheria Immunisation Campaign in the District by immunising school children whilst they are in attendance at school. This has resulted in an increased number of children of school age receiving Primary Immunisation and where necessary a Booster or Reinforcing injection.

Booster or Reinforcing Injection.

AGE GROUP.	NUMBER.
5—9	519
10—14	28
	<hr/>
Total ...	547
	<hr/>

Scarlet Fever.

An outbreak of Scarlet Fever occurred in one parish being mainly concerned with two reception classes of the Primary School, which were accommodated in temporary premises. Through the vigorous and effective action of the Public Health staff, the outbreak was brought to a quick and successful ending.

Post-War Housing.

At December 31st, 1954, 2,161 permanent houses and 150 pre-fabricated bungalows had been completed.

The following 371 houses were completed in 1954 : —

Alvaston	...	58	Ockbrook	...	6
Chaddesden	...	68	Sandiacre	...	134
Draycott	...	6	Spondon	...	8
Littleover	...	21	Stanley	...	46
Melbourne	...	16	Stanton-by-Bridge		8

At the end of the year, the following 237 houses were in course of erection : —

Alvaston	...	44	Melbourne	...	48
Aston-on-Trent	...	22	Ockbrook	...	14
Barrow-on-Trent		10	Sandiacre	...	67
Chaddesden	...	12	Stanley	...	20

The following table shows the houses and bungalows on the Council's estates at December 31st, 1954 : —

Situation.	Pre-war houses.	War-time agricultural workers' houses.	Post-war houses.	Prefabricated bungalows.	Total
Alvaston & Boulton	48		134		182
Aston-on-Trent	22	2	18		42
Breadsall			8		8
Breaston	86		163		249
Chaddesden	36		226		262
Chellaston	28		224	50	302
Draycott	70		23		93
Little Eaton	32		22		54
Littleover	62		211		273
Melbourne	70		62		132
Normanton	14				14
Ockbrook	70		194		264
Sandiacre	222		254	50	526
Shardlow	10		16		26
Spondon	282		408	50	740
Stanley	28		172		200
Stanton-by-Bridge			8		8
West Hallam	34		18		52
Weston-on-Trent	10	2			12
	1,124	4	2,161	150	3,439

Water Supplies.

140 new connections were made to the Council's mains during the year ended March 31st, 1955, as follows : —

128 Houses.

12 Farms, agricultural and horticultural supplies.

Main laying was carried out at Aston, Borrowash, Chellaston, Draycott and Ockbrook. A new 4" main was laid as a duplication of the existing main at Shardlow, extending from Wilne Road to the Institution and in Aston Lane.

The construction of the 500,000 gallon Ladycross reservoir at Sandiacre was completed. The new reservoir provides continuity of supply in Sandiacre, Risley and Breaston and was brought into regular service early in 1955.

The quantity of water supplied in the Shardlow water area during the year ended March 31st, 1955, was as follows : —

Domestic supplies 321,355,005 gallons. Equivalent to 26.7 gallons per head per day of population supplied.

Metered supplies 77,421,000 gallons.

Results of Chemical Analysis of Water in Supply.

	<i>Supplied by Shardlow Rural District Council.</i>	<i>Supplied by Derby Corporation.</i>
Appearance in 2 ft. tube	Clear, faintly green	—
pH value	8.24	8.9
Total Solid matter (Dried at 180 degrees C)	Results in parts per million. 110	140
Free and Saline Ammonia	0.004	0.002
Albuminoid Ammonia	0.03	0.03
Nitrogen as Nitrites	Very faint trace	0
Nitrogen as Nitrates	0.2	0
Chlorine (present as Chloride)	14	17
Oxygen absorbed in four hours at 80 degrees Fahr.	0.74	0.53
Hardness—Temporary ..	30	20
„ Permanent	30	45
„ Total	60	65
Metals—Iron	0.18	Less than 0.05
Available Chlorine	0	0.11
	Sample taken at Draycott, Sept. 1954.	
Analyses by	R. W. SUTTON, County Analyst.	R. W. SUTTON, Borough Analyst.

RESULTS OF CHEMICAL ANALYSIS OF SAMPLES OF RAW WATER TAKEN 16th FEBRUARY, 1954.

				<i>Borehole, Little Eaton Pumping Station.</i>	<i>Borehole, Melbourne Pumping Station.</i>
(a) Physical Examination.					
Colour	...	...	...	Yellowish-green	Faintly brownish-green
Appearance	...	...	...	Very slightly turbid	slightly turbid.
Taste	...	...	...	nil	nil
Smell	...	...	...	nil	nil
(b) General Chemical Examination.					
Reaction	...	...	...	pH. 7.25	pH. 7.6
				Results in parts per million.	
Free Carbon Dioxide as CO/2				7.0	3.5
Ammoniacal Nitrogen as N.				0.01	0.02
Albuminoid Nitrogen as N.				0.01	0.02
Nitrous Nitrogen as N.	...			0	Very faint trace.
Nitric Nitrogen as N.	...			0	Trace.
Hardness as CaCO/3 (Hehner) :					
			Temporary	145	170
			Permanent	60	70
Permanganate figure	...			0	0.05
Alkalinity as CaCO/3	...			145	170
Total Solids	...	...		272	305
(c) Mineral Analysis.					
Calcium as Ca	...	...		48.0	56.5
Magnesium as Mg	...	...		21.1	24.1
Sodium as Na	...	...		14.4	13.0
Carbonate as CO/3	...	...		86.3	101.9
Chloride as Cl	...	...		22	24
Sulphate as SO/4	...	...		61.7	64.2
Iron—Total	...	...		0.4	0.98
Soluble	...	...		—	0.17
(d) Other determinations.					
Silica	...	...	...	10.6	9.6

In appearance the sample was slightly turbid and of a faint yellowish-green colour.

The analytical results afford no evidence of the occurrence of active pollution.

In appearance the sample was slightly turbid and of a faint brownish-green colour. Most of the turbidity appears to be due to iron compounds.

The analytical results afford no evidence of the occurrence of active pollution.

The iron content of this water is sufficiently high to render it objectionable for drinking purposes in its present condition.

Analyses by R. W. Sutton, County Analyst.

PARTICULARS AS TO WATER SUPPLY AS REQUIRED BY MINISTRY OF HEALTH CIRCULAR 42/51.

The Parishes of the Shardlow Rural District supplied with water by the Derby Corporation are :—Alvaston & Boulton, Breadsall, Chaddesden, Little Eaton, Littleover, Spondon and the Parishes of Arleston and Sinfin and Sinfin Moor which are supplied by special agreement.

The area of the district included in the Shardlow Rural District Council water area consists of the Parishes of Aston-on-Trent, Barrow-on-Trent, Breaston, Chellaston, Dale Abbey, Derby Hills, Draycott, Elvaston, Hopwell, Melbourne, Morley, Ockbrook, Risley, Sandiacre, Shardlow, Stanley, Stanton-by-Bridge, Stanton-by-Dale, Swarkestone, West Hallam, Weston-on-Trent, Arleston and Sinfin, Sinfin Moor, (the last two parishes being supplied by Derby Corporation by special agreement).

	Parishes supplied by Shardlow Rural District Council.	Parishes supplied by Derby Corporation.
(i) Whether the water supply of the area and of its several parts has been satisfactory.	(a) Satisfactory. (b) Satisfactory. Regular sampling of raw water and water going into supply. RAW WATER :—3 samples for chemical analysis and 6 for bacteriological examination, all satisfactory. WATER GOING INTO SUPPLY :—18 samples for chemical analysis, all were satisfactory ; 59 samples for bacteriological examination, 51 satisfactory and 8 unsatisfactory.	(a) Satisfactory. (b) Satisfactory. Regular examination is made of the raw water and of the water going into supply. As all water is treated the majority of samples are taken after treatment. A total of 568 Bacteriological, 90 Chemical and 580 pH and hardness samples were taken, both at the works and from various points in the area of supply.
(ii) Where there is a piped supply, whether bacteriological examinations were made of the raw water and, where treatment is installed, of the water going into supply ; if so, how many and the results obtained ; the results of any chemical analyses.		

(iii) Where the waters are liable to have plumbo-solvent action, the facts as to contamination by lead, including precautions taken and number and result of analyses.

Water supplied is a mixture of Derwent Valley and borehole water, the latter from boreholes at Little Eaton and Melbourne. The former is likely to have plumbo-solvent action and the use of copper or tinlined lead pipes is required. None of the analyses revealed the presence of lead.

Only that proportion of the supply obtained from the Derwent Valley Water Board is liable to plumbo-solvent action.

Under the Derwent Valley Water Act, 1899, water supplied by the Board is required to be treated by them for the prevention of such action before the water is delivered to any of the constituent Undertakings.

(iv) Action taken in respect of any form of contamination.

Chlorinating plants installed at Little Eaton and Melbourne. Usual dosage 3lbs. Chloros per million gallons.

All water is chlorinated before being passed into supply.

(v) Particulars of the number of dwelling houses and the number of the population supplied from public water mains
 (a) direct to houses.
 (b) by means of standpipes.

Number of houses supplied ...	9,924	Number of houses supplied ...	14,631
Equivalent population ...	32,978	Equivalent population ...	44,269

There are no public stand-pipes in the district and about 50 houses are supplied from stand-taps in house yards.

Allowing for sundry supplies by other authorities a total of 24,648 houses, equivalent population 77,573, are supplied with water from public mains.

See table at end of Report.

ORGANISATION & STAFFING OF PUBLIC HEALTH DEPARTMENT.

A Special Sub-Committee was appointed to consider and report upon the working and future administration of the department and the following plan of re-organisation was adopted : —

W. T. POWELL.

Appointed Deputy Senior Sanitary Inspector ; to carry out the usual duties of Sanitary Inspector as required and to be responsible throughout the district for : —

Sewers and sewage disposal works.

Factories Acts (means of escape in case of fire).

Petroleum and carbide stores and installations.

Public conveniences and mortuary.

G. ELLIS.

To carry out the usual duties of Sanitary Inspector as required and to be responsible throughout the district for : —

Refuse collection, Refuse disposal and salvage.

B. T. JONES.

To carry out the usual duties of Sanitary Inspector together with delegated duties under the Shops Acts in the Southern half of the district.

A. P. ALLEN.

To carry out the usual duties of Sanitary Inspector together with delegated duties under the Shops Acts in the Northern half of the district.

REFUSE COLLECTION AND DISPOSAL.

The costs for the year ending March 31st, 1955, were as follows : —

				<i>Average cost per house.</i>					
				£	s.	d.	£	s.	d.
Refuse Collection	...	...		28,109	7	7	1	2	6¼
Refuse Disposal	...	...		5,581	8	3		4	5½
				<hr/>			<hr/>		
Combined figures	...	...		33,690	15	10	1	6	11¾
				<hr/>			<hr/>		
Combined figures 1953/4				£31,171	2	10	£1	5	9

Direct labour collection and disposal continued throughout the year. The wages of Refuse Collectors were increased by 2½d. per hour.

The tipping sites at Chellaston, Dale Abbey, Little Eaton, Melbourne and West Hallam continued to be used throughout the year.

Cesspool Emptier.

The Austin machine which was acquired in May, 1951, continued to be used during the year for the collection of nightsoil throughout the district, work at sewage disposal works and a certain amount of private cesspool emptying for which a charge of 16/6 per hour is made.

Costs for the year ending March 31st, 1955, were as follows :—

	£	s.	d.
Vehicle licence and insurance	63	6	10
Petrol and oil	298	18	4
Repairs and replacements	126	15	9
Wages and insurance	1,041	5	0
Stock a/c.	3	10	5
Tyres	132	18	0
	1,666	14	4
Sundry income	134	17	10
Net cost for year	£1,531	16	6

The cost for 1954/55 was apportioned as follows :—

Sewage Disposal	£215	10	0
Refuse Collection	£1,306	7	11
Refuse Disposal	£6	19	0
Salvage	£2	19	7

General Purpose Lorries.

The Austin trucks continued to be operated during the year, being used for general haulage in connection with sewage disposal, refuse collection and disposal. The costs for the year ending March 31st, 1955, were as follows :—

	£	s.	d.
Licences and Insurance ...	134	10	0
Garage	12	4	1
Petrol and oil	341	16	4
Tyres, replacements, etc. ...	154	16	7
Wages and insurance ...	397	4	3
Stock a/c.	6	4	8
	£1,046	15	11

The cost per hour was 4/7d. per vehicle and the lorries were used for the following services : —

			£	s.	d.
Sewage Disposal	...	...	742	17	7
Refuse Collection	...	...	61	16	0
Refuse Disposal	...	...	202	12	2
Garage	...	...		9	2
Salvage	...	...	14	13	11
Cesspool emptying	...	...	1	0	7
Dustbin delivery	...	...	23	6	6

Salvage.

During the year ended March 31st, 1955, income from salvage amounted to £863/12/4d. and expenditure was £36/6/4d. The materials disposed of during the year were as follows : —

	T.	C.	Q.	£	s.	d.
Waste Paper	...	73	17	1	685	2 6
Ferrous metals	...	72	8	1	131	7 1
Non-ferrous metals		15	0		81	17 10
Textiles	...	7	17	0	153	9 9
		154	17	2	£1,051	17 2

Waste paper is now sold to Thames Board Mills, Ltd., an arrangement which has removed former difficulty in disposing of this material. In May, the Council approved an incentive bonus scheme for salvage collections and 20% of the gross receipts from the sale of salvaged materials are distributed among employees engaged on collection and disposal. The bonus is paid quarterly and varies in accordance with the attendance record of individual employees. During the year the maximum quarterly payments have varied from £1/13/0d. to £2/4/8d. per employee.

General Purpose Van.

The Morris van was used by the Sewage Works Foreman, and the cost for the year ending March 31st, 1955, was as follows : —

	£	s.	d.
Licence and Insurance	...	18	18 11
Petrol and Oil	...	64	10 9
Repairs, replacements, etc.		20	17 11
	£104	7	7

The vehicle covered a total of 11,693 miles.

Mortuary.

The mortuary is situated at Station Road, Chellaston, and the maintenance cost for the year ending March 31st, 1955, was £26/7/8d. Fifty-two cases have been dealt with from 1940 to the end of 1954.

Supply of Dustbins, etc.

During the year ending March 31st, 1955, 882 dustbins were supplied by the Council, 577 to Council properties and 305 to private premises.

Food and Drugs Act, 1938.

Knackers' Yards.

There are two licensed premises in the district and both have been maintained in satisfactory order.

Slaughterhouses.

The return of private slaughtering in July saw the re-opening of a number of slaughterhouses which had been closed for the duration of controlled slaughtering ; the total number of slaughterhouses now licensed is 13. A considerable amount of repair and improvement was carried out at the slaughterhouses. A regular inspection of all animals slaughtered is maintained. The tables show particulars of animals inspected and meat condemned during the year ended December 31st, 1954.

CLASSIFICATION OF DISEASES OTHER THAN TUBERCULOSIS IN WHOLE CARCASSES AND PARTS OF CARCASSES CONDEMNED. CATTLE.

	TOTALLY CONDEMNED		PART CONDEMNED.	
	Cattle Excluding Cows	Cows	Cattle Excluding Cows	Cows
Actinomycosis ...	—	—	1	—
Cysticercus Bovis ...	—	—	1	1
Mastitis ...	—	—	—	1
Pericarditis ...	—	—	1	—
Injury & Bruising ...	—	—	5	—
Abscess Adhesions ...	—	—	7	1
Localised Diseases : Parasitic, Abscesses, Cystic, Angiomatosis, etc. ...	—	—	84	51
TOTALS ...	—	—	99	54

SHEEP.

	TOTALLY CONDEMNED	PART CONDEMNED.
Oedema & Emaciation	3	--
Moribund	2	—
Injury & bruising ...	1	2
Localised diseases : - Parasitic, Abscesses, Cystic, etc.	—	143
TOTALS ...	6	145

CALVES.

	TOTALLY CONDEMNED	PART CONDEMNED.
Immaturity ...	2	—

PIGS.

	TOTALLY CONDEMNED.	PART CONDEMNED.
Septicaemia ...	3	—
Septic Injuries ...	—	1
Injury and Bruising ...	1	2
Localised Diseases : Parasitic, Abscesses, Cystic, etc.	—	18
TOTAL ...	4	21

WEIGHT OF MEAT CONDEMNED.

	Tons	cwts.	qrs.	lbs.
Beef		12	1	13
Mutton		2	—	3
Pork		2	1	22
Veal		1	1	5
Offal	2	12	3	27
	3	11	—	14

CARCASSES INSPECTED AND CARCASSES CONDEMNED during 1954.

	All Cattle	Cattle Excluding Cows	Cows	Calves	Sheep and Lambs	Pigs
Number killed	709	507	202	48	2201	866
Number Inspected	709	507	202	48	2201	866
All Diseases except Tuberculosis.						
Whole carcasses condemned	Nil	Nil	Nil	2	6	4
Carcasses of which some part or organ was condemned	153	99	54	Nil	145	21
Percentage of the number inspected affected with disease other than tuberculosis	21.58	19.53	26.73	4.16	6.86	2.89
Tuberculosis only.						
Whole carcasses condemned	1	1	Nil	1	Nil	Nil
Carcasses of which some part or organ was condemned	132	78	54	Nil	Nil	15
Percentage of the number inspected affected with tuberculosis	18.76	15.58	26.73	2.08	Nil	1.73
Total of all Diseases.						
Whole Carcasses condemned	1	1	Nil	3	6	4
Carcasses of which some part or organ was condemned	285	177	108	Nil	145	36
Percentage of the number inspected affected with disease	40.34	35.11	53.46	6.25	6.86	4.62

Food and Drugs Act, 1938.

The following foodstuffs were condemned during the year as the result of routine inspection at premises other than slaughter-houses : —

TINNED GOODS.

	lbs.	ozs.
9 tins Ham	114	2
5 tins Jellied Veal	30	0
8 tins Corned Beef	49	0
1 tin Pressed Beef	4	0
2 tins Ox Tongue	12	0
1 tin Lambs Tongue	1	0
1 tin Kidneys		12
2 tins Pork & Beef	1	8
9 tins Pork Luncheon Meat ...	28	8
1 tin Pork Butts	3	12
4 tins Stewed Steak	3	15½
2 tins Rock Lobster		7
1 tin Sardines		4½
3 tins Cream of Chicken Soup ...	2	14½
1 tin Mushroom Soup		10
2 tins Tomato Soup	1	15
2 tins Fruit Salad	1	15
8 tins Apricots	11	3
9 tins Bilberries	11	6½
7 tins Cherries	12	11
13 tins Damsons	23	9
5 tins Gooseberries	4	13½
2 tins Grapefruit	2	5
4 tins Oranges	2	0
10 tins Peaches	17	13
2 tins Pears	2	12½
13 tins Pineapples	15	0
4 tins Red Plums	4	12
1 tin Sugar Plums		15
10 tins Victoria Plums	12	8
1 tin Rhubarb	1	3
76 tins Tomatoes	120	14½
14 tins Peas	16	14
8 tins Runner Beans	8	4
4 tins Baked Beans	3	8
1 tin Spaghetti		10
2 tins Cream		10
12 tins Evaporated Milk	11	5

260 tins =
542 lbs. 6½ ozs.

PRESERVED AND COOKED MEATS.

			lbs.	ozs.
Cooked Beef Brisket	...	...	1	0
Cooked Shoulder Ham	...	...	18	10
Fish Cakes	...	...	3	8
Meat Paste	...	...		3½
Pale Gammon	...	...	1	4
Pale Bacon	...	...	128	8
Smoked Bacon	...	...	15	8
Beef Sausages	...	...	18	8
Pork Sausages	...	...	26	8
				<hr/>
				213 lbs. 9½ ozs.

DRY AND DAIRY GOODS.

			lbs.	ozs.
Butter	...	...	33	0
Cheese—Loose	...	...	87	8
Cheese—Packets	...	...	4	0
Artificial Cream Powder	...	...		9
Biscuits—Chocolate	...	...		9
Blancmange Powder	...	...		8
Cake—Chocolate	...	...	1	3
Chocolate	...	...		12
Cornflakes	...	...		10
Gravy Salt	...	...		4
Jelly Crystals	...	...		4
Lemon Barley Powder	...	...	1	4
Rolled Oats	...	...	4	0
Salad Cream	...	...		12
				<hr/>
				135 lbs. 3 ozs.

TOTAL ... 891 lbs. 3 ozs.

The following information is supplied by courtesy of the County Analyst : —

Food & Drugs Act, 1938.

“ 180 samples, including 87 milks, were taken under the above Act in the area of the Shardlow Rural District Council during the year 1954.

Four samples of Milk were deficient in fat and one contained a small amount of added water. One sample of Tuberculin Tested Milk failed to pass the Methylene Blue Test. The vendors of these samples were cautioned.

Four Ice Lollies (1 informal followed by 4 formal samples) were found to be contaminated with objectionable amounts of lead. The contamination was traced to the mould being used and this was later replaced by one of more suitable type.

Two samples of Self Raising Flour were deficient in available Carbon Dioxide. The deficiencies were not serious and were dealt with by caution notice.

The remaining samples were all classed as satisfactory.”

Diseases of Animals Acts.

During the year notifications were received concerning two outbreaks of Anthrax and one of Swine Fever. In all cases the premises were visited and where necessary arrangements for inoculation of personnel were made.

Sampling.

The following samples were collected during the year : —

Water supplies (other than mains supplies)	...	3
Milk	... ..	31
Ice cream	... ..	5
Sewage and sewage effluents	... ..	30

Petrol Supplies.

22,800 gallons of motor fuel were purchased during the year ended 31st March, 1955. There are two pumps, each with 500 gal. storage tank, situated one at Chaddesden and one at Melbourne.

Closet Conversion Scheme.

Statutory action under Sec. 47, Public Health Act, 1936, continued throughout the year. During the twelve months ended 31st March, 1955, 70 new waterclosets were provided replacing 10 privies and 61 pail closets.

Very few conversions are outstanding in the sewered areas, but the completion of schemes of sewerage which are now in progress will result in an increase in this work.

Closet accommodation in the district is now estimated to be : —

Water closets	...	...	...	...	28,662
Pail closets	...	...	...	.	544
Privies	...	...	...	...	221

Sewerage and Sewage Disposal.

The position regarding the major schemes approved by the Ministry of Housing and Local Government is as follows :—

1.—BARROW AND SWARKESTONE.

A joint scheme of sewerage, including two pumping stations and additions to the existing disposal works at Chellaston.

Commenced May, 1951 and completed during 1954. Closet conversions in progress.

2.—ELVASTON.

Sewerage of the three hamlets of Elvaston, Thulston and Ambaston, including one pumping station at Thulston and one pumping station and disposal works at Ambaston.

Commenced February 1951. Completed during 1954 and closet conversions in progress.

3.—MORLEY.

(a) Sewerage of Brackley Gate area to new disposal works.

(b) Sewerage of Church Lane area to new disposal works.

Completed in 1953 and closet conversions in progress.

4.—STANTON-BY-BRIDGE.

Sewerage of Parish to a new pumping station discharging to the existing sewerage system at Melbourne, including additions to the Melbourne disposal works.

Completed in 1951 and closet conversions carried out.

5.—SANDIACRE AND DISTRICT REGIONAL SCHEME.

A joint scheme of sewerage serving Stanton-by-Dale, Sandiacre, Risley, Breaston and Draycott including two pumping stations at Sandiacre and enlargement of the Draycott disposal works. The scheme also provides for the discontinuation of the arrangement whereby sewage from Sandiacre and part of Risley is treated at joint disposal works at Stapleford.

Commenced January, 1951 and virtually completed by the end of 1954. Closet conversions in progress.

6.—SHARDLOW.

Sewerage of the hamlet of Great Wilne to the existing Shardlow system. Completed early in 1953 and closet conversions carried out.

7.—BREASTON AND DRAYCOTT.

Two new pumping stations, one at Wilsthorpe Road, Breaston and one on the disposal works site at Draycott in replacement of two pneumatic ejector installations.

Commenced May, 1953 and completed in 1954.

The following were still under consideration at the end of the year : —

CHADDESSEN, SPONDON.

Schemes concerning the two disposal works were considered by the Council and submitted to the County Council in 1953.

CHELLASTON.

A scheme for the enlargement of the disposal works was submitted to the County Council and the Ministry.

DALE ABBEY.

The original Sandiacre Regional Scheme included the sewerage of Dale Village and Dale Moor by means of a connecting sewer from Stanton-by-Dale. This part of the proposal was not approved by the Ministry and a revised scheme providing for the installation of a separate disposal works at Dale Moor was submitted ; in 1953 the Minister informed the Council that the scheme could not be allowed to proceed "in view of more urgent demands upon limited resources available for such works" and the position remained unchanged at the end of 1954.

MORLEY, BREADSALL.

There was no further progress in regard to the following schemes which had been submitted to the Ministry : —

- (a) Sewerage of the Morley Smithy area to the Church Lane disposal works.
- (b) Sewerage of Morley Moor and Breadsall Moor with a connecting sewer to the existing system at Breadsall.

OCKBROOK.

A scheme providing for the abandonment of the existing disposal works at Borrowash and for pumping the sewage to the extended works at Draycott was submitted to the County Council in 1953.

STANLEY.

In 1952 a scheme of sewerage and sewage disposal was submitted to the Ministry and the County Council. It provided for the connection of the two existing sewerage systems at Stanley Common and Stanley Village, the abandonment of two existing disposal works and the provision of new works on a site situated within the Parish of West Hallam near Cat & Fiddle Lane. The scheme would also be capable of receiving sewage from the Cat & Fiddle Lane area of the Parish of Dale Abbey.

WEST HALLAM.

A scheme for the enlargement of the existing disposal works was submitted to the Ministry and the County Council in 1953.

The following were also undertaken during the year : —

ALVASTON AND BOULTON.

The Council adopted as public sewers 1,796 feet of 9in. foul sewer on the Derby Corporation Matthew Street housing site.

63 yards of 6in. foul sewer and one new manhole were installed at Franklyn Drive.

BREADSALL.

The sewerage system at Hill Top was extended by the installation of 79 yards of 6in. foul sewer and the provision of two new manholes. At Moor Road 72 yards of 6in. foul sewer and one new manhole were installed.

BREASTON.

Following the completion of the Breaston and Draycott sewerage scheme arrangements were made for cleaning out the Golden Brook.

CHADDESSEN.

37 yards of 6in. foul sewer and one new manhole were installed at Highfield Lane.

LITTLEOVER.

Details were received of the proposals of the Derby Corporation for the sewerage of a new housing site off Sunnyhill and a local hearing was held by the Ministry on December 3rd.

OCKBROOK.

A third extension of the sewer at Cole Lane was undertaken, involving on this occasion the installation of 16 yards of 6in. sewer and one new manhole.

SANDIACRE.

A second sewer extension was carried out at Kings Road ; 62 yards of 6in. foul sewer and one new manhole were installed. Consent was given to a local firm for the discharge of a specified quantity of trade effluent to the public sewerage system.

SPONDON.

The sewerage of three houses at Lexington Road was improved by the installation of 25 yards of 6in. sewer and one new manhole.

A new reinforced concrete lining was provided to one of the settlement tanks at the disposal works.

Rodent Control.

Infestations at private premises were dealt with during the year as well as systematic treatments of the refuse tips, sewage works and sewerage systems. The cost of the service for the year ending March 31st 1955, after allowing for sundry income of £12/10/5d. and including the cost of operation of the Austin van was £590/18/7d.

The following report, which covers the period April 1st, 1954 to March 31st, 1955, was made to the Ministry of Agriculture and Fisheries.

	TYPE OF PROPERTY.				
	NON-AGRICULTURAL.				Agricul- tural
	<i>Local Authority</i>	<i>Dwelling Houses (including Council Houses)</i>	<i>All other (including Business Premises)</i>	<i>Total of Cols. (1) (2 & (3))</i>	
	(1)	(2)	(3)	(4)	(5)
I Number of properties in Local Authority's District.	50	24,975	600	25,625	200
II Number of properties inspected as a result of					
(a) Notification ...	—	182	32	214	—
(b) Survey under the Act	50	341	65	456	100
(c) Otherwise (e.g. when visited primarily for some other purpose) ...	1,219	1,604	143	3,162	50
III Total inspections carried out—including re-inspec- tions (To be completed only if figures readily available) ...	1,372	3,376	579	5,727	200
IV Number of properties inspected (In Section II) which were found to be infested by :—					
(a) Rats					
(Major) ...	3	—	—	3	—
(Minor) ...	31	164	25	220	5
(b) M					
(Major) ...	—	—	—	—	—
(Minor) ...	—	12	4	16	—
V Number of infested prop- erties (in Sec. IV) treated by the L.A. (Figures should NOT exceed those given at at Sec. IV).	34	176	29	239	—
VI Total treatments carried out—including re-treat- ment (To be completed only if figures readily available) ...	48	188	32	268	—
VII Number of notices served under Sec. 4 of the Act :					
(a) Treatment ...	Nil	Nil	Nil	Nil	—
(b) Structural Work (i.e. Proofing) ...	Nil	Nil	Nil	Nil	—
VIII Number of cases in which default action was taken following issue of notice Under Section 4 ...	Nil	Nil	Nil	Nil	—
IX Legal Proceedings ...	Nil	Nil	Nil	Nil	—
X Number of "Block" con- trol schemes carried out ...	9	—	—	—	—

FACTORIES ACT, 1937.

Annual Report of Medical Officer of Health in respect of the year, 1954.

PART 1 OF THE ACT.**1.—INSPECTIONS.**

Premises	Number on Register	Number of Inspections	Number of Written notices	Number of Occupiers prosecuted
(i) Factories in which Sections 1, 2, 3, 4 & 6 are to be enforced by Local Authorities.	180	76	4	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority.				
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises)	—	—	—	—
TOTAL ...	180	76	4	—

2.—CASES IN WHICH DEFECTS WERE FOUND.

Particulars.	Number of cases in which defects were found.				Number of cases in which prosecutions were instituted
	Found	Remedied	Referred		
			To H.M Inspector	By H.M. Inspector	
Want of cleanliness (S.1) Sanitary Conveniences (S.7)	—	—	—	—	—
(a) insufficient ...	—	—	—	—	—
(b) Unsuitable or defect.	2	2	—	—	—
(c) Not separate for sexes	1	1	—	1	—
Other offences against the Act (not including offences relating to Out-work).	1	1	—	1	—
TOTAL ...	4	4	—	2	—

PART VIII OF THE ACT.**OUTWORK.**

Wearing Apparel, Making, etc., 84 outworkers.

Lace, Lace Curtains and Nets, 4 outworkers.

Birth-rates, Death-rates, Analysis of Mortality, and Case-rates for
certain notifiable diseases in the Year 1954.

	England & Wales. Rate per 1,000 Population.	Shardlow Rural District.	
		Number	Rate per 1,000 Population
BIRTHS.			
Live Births	15.2	1,165	14.80
Still Births	0.37	25	0.33
DEATHS.			
All causes	11.30	730	9.27
Typhoid and Paratyphoid	0.00	0	0.00
Whooping cough	0.00	0	0.00
Diphtheria	0.00	0	0.00
Tuberculosis	0.13	7	0.03
Influenza	0.05	4	0.05
Smallpox	0.00	0	0.00
Acute poliomyelitis (including polioencephalitis)	0.01	0	0.00
Pneumonia	0.49	26	0.33
NOTIFICATIONS (corrected).			
Typhoid fever	0.00	0	0.00
Paratyphoid fever	0.01	0	0.00
Meningococcal infection	0.05	3	0.04
Scarlet fever	0.93	171	2.19
Whooping cough	2.33	291	3.74
Diphtheria	0.01	0	0.00
Erysipelas	0.15	13	0.16
Smallpox	0.00	0	0.00
Measles	3.54	115	1.47
Pneumonia	0.75	45	0.57
Acute poliomyelitis (including polioencephalitis)			
Paralytic	0.04	3	0.04
Non-Paralytic	0.02	0	00.0
Food poisoning	0.27	2	0.03
DEATHS.			
All causes under 1 year of age ...	Rate per 1,000 Live Births. 25.5	28	Rate per 1,000 Live Births. 24.03
Enteritis and diarrhoea under 2 years of age	0.88	0	0.00
NOTIFICATIONS (corrected).			
Puerperal fever and pyrexia ...	Rate per 1,000 Total (Live & Still) Births. 16.23	0	Rate per 1,000 Total (Live & Still) Births. 0.00

SHARDLOW RURAL DISTRICT

NUMBER OF CASES OF DIPHTHERIA ANNUALLY 1908-1954



STATISTICS RELATING TO THE SHARDLOW RURAL DISTRICT.

Parish	Area in Acres.	No. of houses in Parish 31/3/55.	Rateable Value 31/3/55. £	Net sum represented by a Penny	POPULATION.		
				Rate. 31/3/55. (£ only)	Census 1921	Census 1931	Est'd. Mid. 1954
Alvaston & Boulton	1,321	3,851	68,608	271	1,575	3,280	11,730
Arleston & Sinfin	810	192	3,503	14	45	45	621
Aston-on-Trent	1,898	260	4,311	17	493	648	896
Barrow-on-Trent	1,204	108	1,286	5	240	248	420
Breadsall	1,917	459	10,878	40	520	1,441	1,450
Breaston	1,990	1,152	20,748	82	1,356	2,024	3,585
Chaddesden	1,688	3,753	63,367	241	560	1,995	12,236
Chellaston	851	879	16,244	65	820	1,292	2,521
Dale Abbey ..	1,945	124	1,732	7	395	391	400
Derby Hills ...	323	13	250	1	42	52	66
Draycott ...	1,452	695	11,865	46	2,454	2,339	2,500
Elvaston ...	2,654	106	1,521	6	469	469	479
Hopwell ...	617	9	1,066	4	77	85	92
Little Eaton ...	1,098	535	12,822	51	1,179	1,261	1,827
Littleover .	1,559	3,069	73,524	297	1,624	3,387	8,156
Melbourne ...	3,506	1,174	20,800	80	3,467	3,714	4,357
Morley ...	1,853	115	3,481	14	322	309	382
Ockbrook ...	1,854	1,342	24,042	95	2,969	2,971	4,221
Risley ..	1,152	195	4,686	19	281	369	620
Sandiacre ...	1,125	2,047	31,590	119	3,744	4,513	6,331
Shardlow ...	1,204	238	4,703	18	994	1,012	1,153
Sinfin Moor ...	1,063	24	660	3	59	61	65
Spondon ...	2,693	2,928	49,594	193	3,132	4,881	8,776
Stanley ..	1,206	656	8,482	32	1,401	1,352	2,194
Stanton-by-Bridge	1,433	44	583	2	116	140	156
Stanton-by-Dale	1,462	176	7,746	31	672	606	647
Swarkestone ...	996	40	976	4	155	138	147
West Hallam ..	1,360	622	18,440	74	980	1,172	2,116
Weston-on-Trent	1,970	169	3,597	14	394	387	536
Whole District	44,204	24,975	471,105	1,845	30,535	40,582	*78,680

The total population of the Shardlow Rural District according to the 1951 Census was 75,876. The 1951 Census population figures for individual parishes have not been published. *Registrar-General's estimate of total population.
On April 1st, 1954, the boundaries of the Parishes of Ockbrook and Spondon were adjusted and 88 houses having an estimated population of 308 were transferred from Spondon to Ockbrook.

Table showing the incidence of Notifiable Diseases in individual Parishes and the number of cases removed to Hospital.

Cases as notified.	Scarlet Fever		Diphtheria		Erysipelas.		Pneumonia		Dysentery.		Cerebro-Spinal Fever		Acute Polio-myelitis.		Para-Typhoid Fever.		Whooping Cough.		Measles.	
	N.	R.H.	N.	R.H.	N.	R.H.	N.	R.H.	N.	R.H.	N.	R.H.	N.	R.H.	N.	R.H.	N.	R.H.	N.	R.H.
Alvaston & Boulton ...	17	2			1		20	2	1	1							41	2	70	1
Arleston & Sinfin ...																	5			
Aston-on-Trent ...					1															
Barrow-on-Trent ...																				
Breadsall ...																	1			
Breaston ...	2	2					1	1					1	1			3			
Chaddesden ...	59	27					3	1									23	2	32	2
Chellaston ...	6	1					5										7			
Dale Abbey ...																	1			
Derby Hills ...																				
Draycott ...	1								1	1							6			
Elvaston ...	2																		1	
Hopwell ...																				
Little Eaton ...	2				1		1										1		1	
Littleover ...	19	1			2		1										87	2	1	
Melbourne ...	7	4															2			
Morley ...	1	1			2												2		1	
Ockbrook ...	2								1		1	1					51	1	3	
Risley ...					1															
Sandiacre ...	4						6										42			
Shardlow ...	4	1															1			
Sinfin Moor ...																				
Spondon ...	44	11			3		3		2		2	2	1	1			7		3	1
Stanley ...					1		1						1	1			8			
Stanton-by-Bridge ...																				
Stanton-by-Dale ...																				
Swarkestone ...	1																			
West Hallam ...					1		4												2	
Weston-on-Trent ...																	3		1	
Total ...	171	50	Nil	Nil	13	Nil	45	4	5	2	3	3	3	3	Nil	Nil	291	7	115	4
Notifications after correction.	171		Nil		13		45		5		3		3		Nil		291		115	

N—Denotes cases notified.

RH—Denotes cases removed to Hospital.

Table showing number of Houses and number of Population supplied from Public Water Mains at March 31st, 1955.

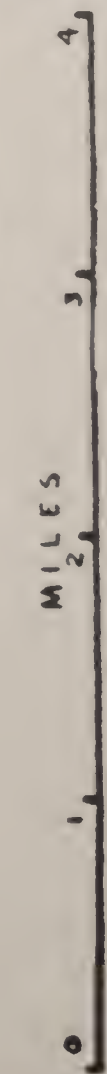
PARISH	Number of Houses in Parish.	Population of Parish	SUPPLYING AUTHORITY.	Total Supplied in Parish.		Details of Houses and Population Supplied.						Details of Houses and Population not supplied	
						Shardlow R.D.C.		Derby Corporation.		Other Authorities.			
				Houses.	Population.	Houses.	Population.	Houses.	Population.	Houses.	Population.	Houses.	Population.
Alvaston & Boulton ...	3,851	11,730	Derby Corporation	3,831	11,660	—	—	3,831	11,660	—	—	20	70
Arleston & Sinfin ...	192	621	Derby Corporation by special agreement.	183	590	1	4	182	586	—	—	9	31
Aston-on-Trent ...	260	896	Shardlow R.D.C.	242	823	242	823	—	—	—	—	18	73
Barrow-on-Trent ...	108	420	Shardlow R.D.C.	100	392	100	392	—	—	—	—	8	28
Breadsall ...	459	1,450	Derby Corporation	450	1,418	11	38	423	1,324	16	56	9	32
Breaston ...	1,152	3,585	Shardlow R.D.C.	1,128	3,501	1,127	3,497	—	—	1	4	24	84
Chaddesden ...	3,753	12,236	Derby Corporation	3,715	12,103	—	—	3,713	12,096	2	7	38	133
Chellaston ...	879	2,521	Shardlow R.D.C.	870	2,489	864	2,468	6	21	—	—	9	32
Dale Abbey ...	124	400	Shardlow R.D.C.	123	396	119	382	—	—	4	14	1	4
Derby Hills ...	13	66	Shardlow R.D.C.	10	56	8	49	—	—	2	7	3	10
Draycott ...	695	2,500	Shardlow R.D.C.	674	2,427	674	2,427	—	—	—	—	21	73
Elvaston ...	106	479	Shardlow R.D.C.	105	475	105	475	—	—	—	—	1	4
Hopwell ...	9	92	Shardlow R.D.C.	9	92	8	88	—	—	1	4	—	—
Little Eaton ...	535	1,827	Derby Corporation	520	1,812	—	—	520	1,812	—	—	15	15
Littleover ...	3,069	8,156	Derby Corporation	3,051	8,093	—	—	3,051	8,093	—	—	18	63
Melbourne ...	1,174	4,357	Shardlow R.D.C.	1,155	4,290	1,144	4,252	—	—	11	38	19	67
Morley ...	115	382	Shardlow R.D.C.	115	382	109	361	—	—	6	21	—	—
Ockbrook ...	1,342	4,221	Shardlow R.D.C.	1,331	4,182	1,323	4,154	—	—	8	28	11	39
Risley ...	195	620	Shardlow R.D.C.	173	543	170	532	—	—	3	11	22	77
Sandiacre ...	2,047	6,331	Shardlow R.D.C.	2,034	6,286	2,034	6,286	—	—	—	—	13	45
Shardlow ...	238	1,153	Shardlow R.D.C.	224	1,104	224	1,104	—	—	—	—	14	49
Sinfin Moor ...	24	65	Derby Corporation by special agreement.	14	30	1	4	13	26	—	—	10	35
Spondon ...	2,928	8,776	Derby Corporation	2,903	8,689	—	—	2,892	8,651	11	38	25	87
Stanley ...	656	2,194	Shardlow R.D.C.	654	2,187	652	2,180	—	—	2	7	2	7
Stanton-by-Bridge ...	44	156	Shardlow R.D.C.	37	132	37	132	—	—	—	—	7	24
Stanton-by-Dale ...	176	647	Shardlow R.D.C.	176	647	150	556	—	—	26	91	—	—
Swarkestone ...	40	147	Shardlow R.D.C.	36	133	36	133	—	—	—	—	4	14
West Hallam ...	622	2,116	Shardlow R.D.C.	622	2,116	622	2,116	—	—	—	—	—	—
Weston-on-Trent ...	169	536	Shardlow R.D.C.	163	525	163	525	—	—	—	—	6	11
Total ...	24,975	78,680		24,648	77,573	9,924	32,978	14,631	44,269	93	326	327	1,107

MAP OF THE SHARDLOW RURAL DISTRICT

DISTRICT



- DISTRICT BOUNDARIES
- PARISH BOUNDARIES
- PRINCIPAL HIGHWAYS



G. L. ROE
JUNIOR SANITARY INSPECTOR

